Commissioner of Patents and Trademarks P.O. BOX 1450 ALEXANDRIA, VA 22313-1450

Sir:

Transmitted herewith for filing is the utility patent application of:

Inventor: MICHAEL A. WELLS; DAVID F. MIETUS

Entitled: PROGRAMMABLE CURRENT SOURCE AND METHODS OF USE

Enclosed are:

- $\underline{X}$  36 sheets of specification and claims
- X \_ 7 sheet(s) of drawings and 1 copy of same
- X An Assignment of the invention to: NEXT SIERRA, INC.
- X Declaration and Power of Attorney (X) Executed ( ) Unexecuted
- X Applicant is Small Entity
- X Information Disclosure Statement
- X Request concerning 18-month publication under 35 U.S.C. 122(b)

\_\_\_\_ Also enclosed:

The filing fee has been calculated as shown below:

(Col. 1) (Col.2)	SMALL ENTITY	LARGE ENTITY
FOR: NO. FILED NO. EXTRA	RATE FEE	RATE FEE
BASIC FEE: 1	X385 = \$385	x770 = \$
TOTAL CLAIMS: 23 - 20 = 3	$\overline{X} = \$ 27$ or	X 18 = \$
INDEP CLAIMS: 5 - 3 = 2	$\overline{X} \ 43 = \$ \ 86$ or	X 86 = \$
MULTIPLE DEPEND CLAIM PRESENTED	$\overline{X145} = \$$ or	X290 = \$
CHECK ENCLOSED:	TOTAL= \$498	TOTAL=\$

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Z/G/04

Respectfully submitted,

Robert A. Parsons, Reg. No. 32,713